

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095089.D
 Acq On : 11 May 2017 20:09
 Operator : SJ/MA
 Sample : I3092-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 02:57:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

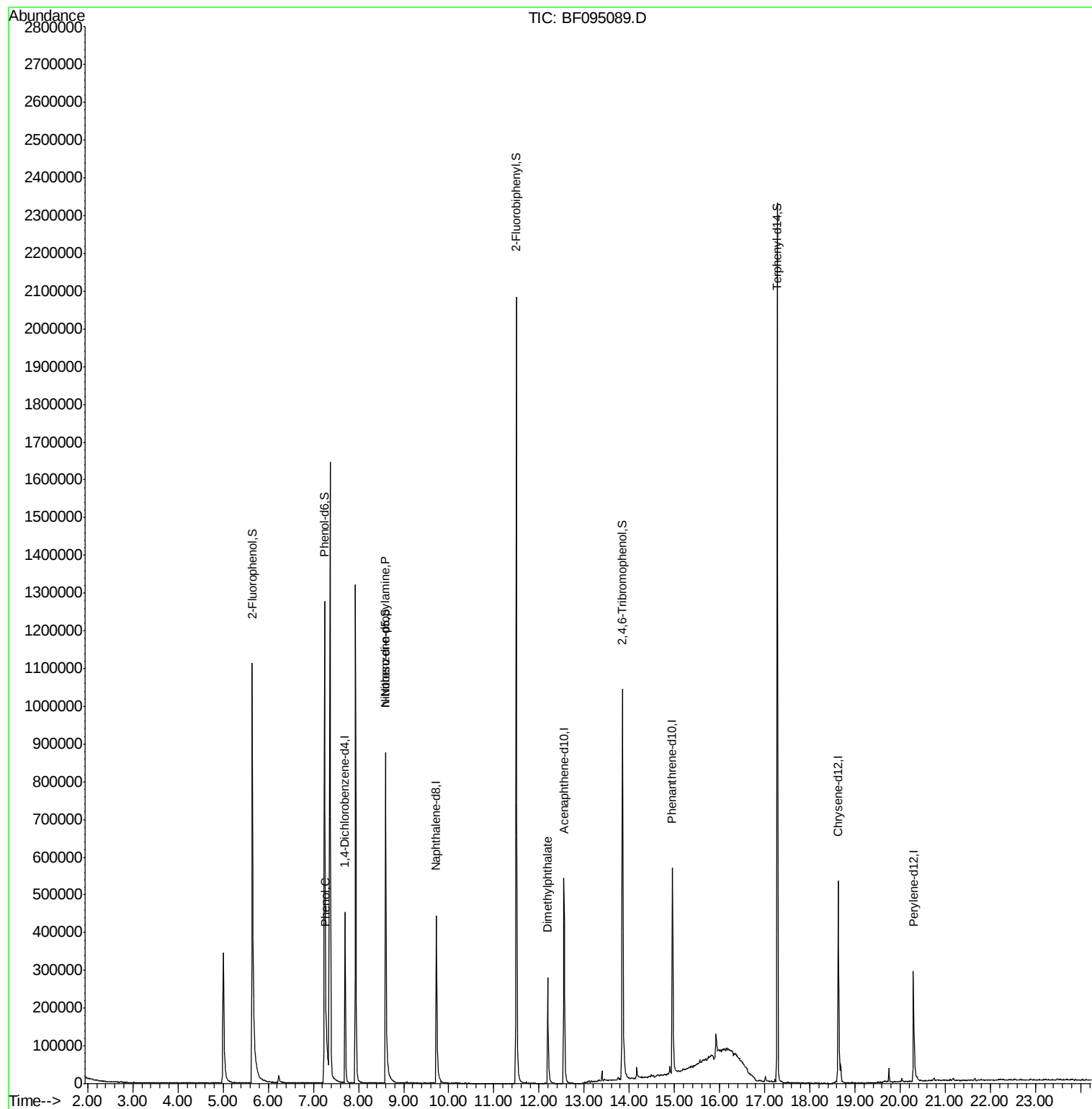
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	96023	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	387250	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	173361	20.00	ng	-0.03
63) Phenanthrene-d10	14.95	188	347233	20.00	ng	-0.03
75) Chrysene-d12	18.63	240	306767	20.00	ng	-0.02
86) Perylene-d12	20.29	264	187830	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	669345	116.22	ng	-0.03
7) Phenol-d6	7.25	99	840092	121.57	ng	-0.03
23) Nitrobenzene-d5	8.60	82	467500	76.13	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	192635	135.68	ng	-0.04
44) 2-Fluorobiphenyl	11.50	172	975391	80.98	ng	-0.04
78) Terphenyl-d14	17.28	244	875640	62.87	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	16198	2.22	ng	# 46
19) n-Nitroso-di-n-propylamine	8.60	70	57013	12.20	ng	# 76
49) Dimethylphthalate	12.19	163	216406	15.21	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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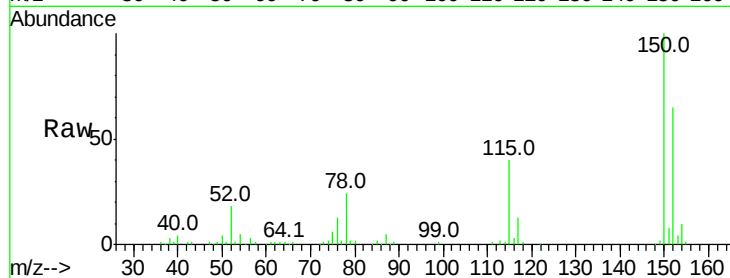


#1

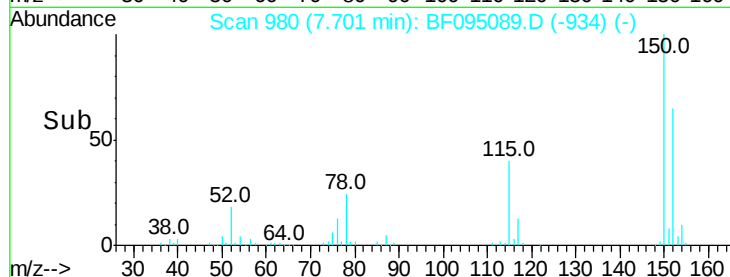
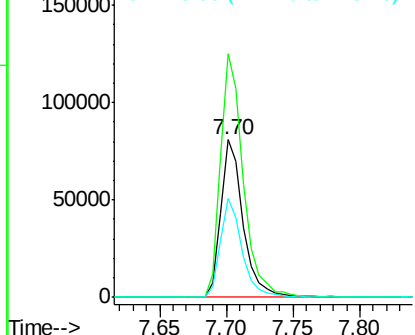
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095089.D
Acq: 11 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96023
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 62.5 52.2 78.2



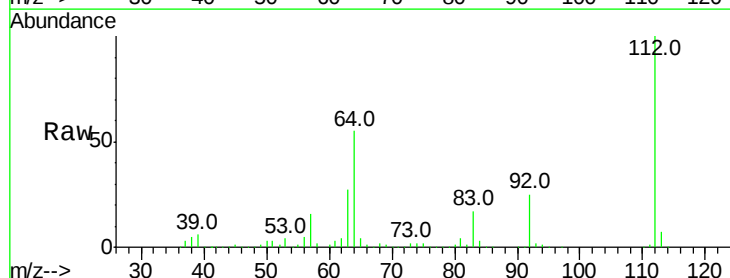
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



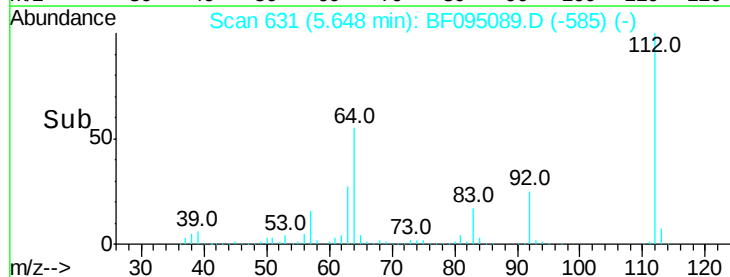
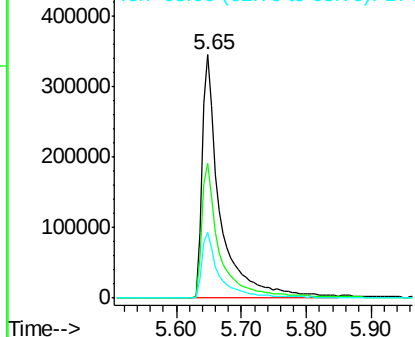
#5

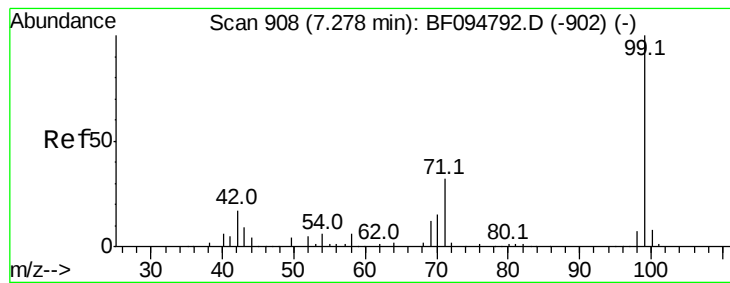
2-Fluorophenol
Concen: 116.22 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095089.D
Acq: 11 May 2017 20:09

Tgt Ion:112 Resp: 669345
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 27.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.57 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095089.D

Acq: 11 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

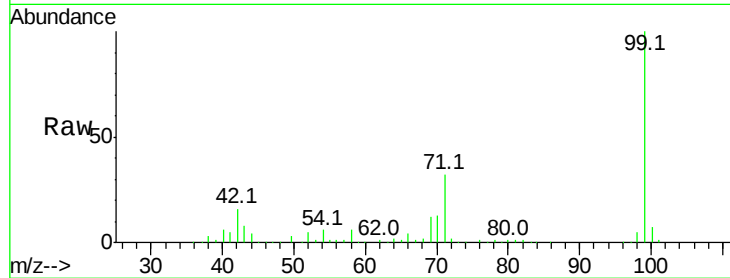
Tot Ion: 99 Resp: 840092

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

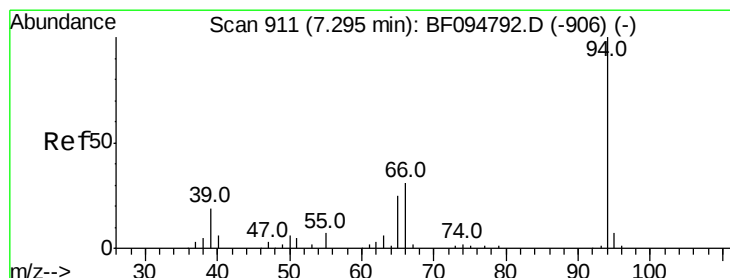
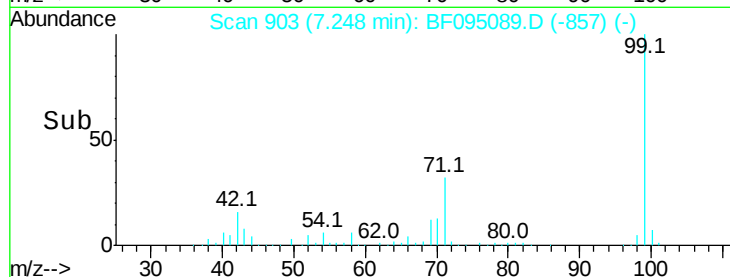
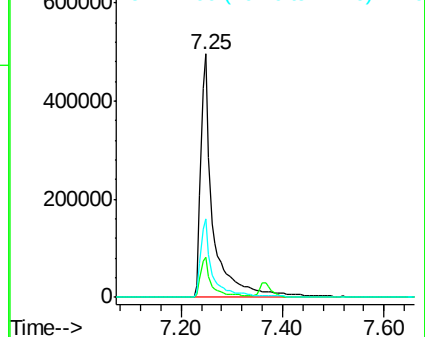
71 32.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.22 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095089.D

Acq: 11 May 2017 20:09

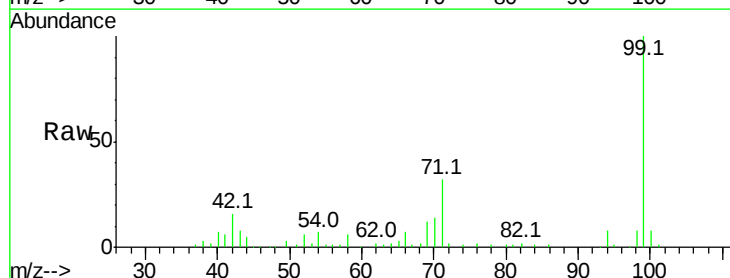
Tgt Ion: 94 Resp: 16198

Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

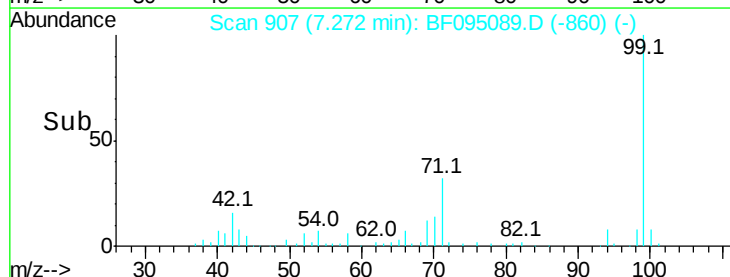
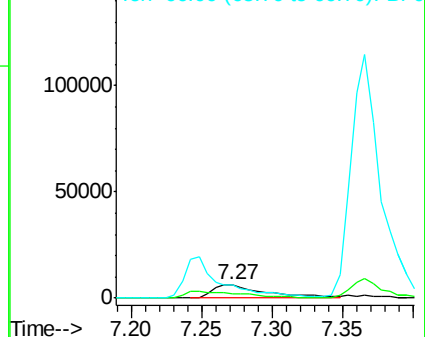
66 96.2 23.1 63.1#

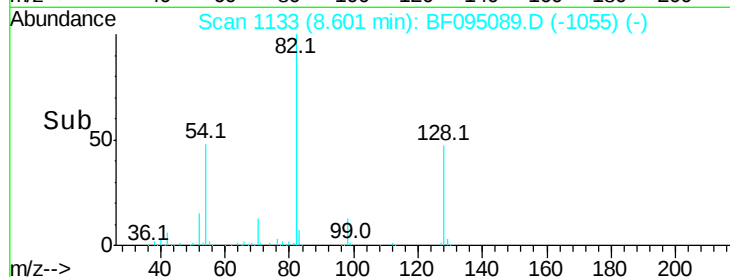
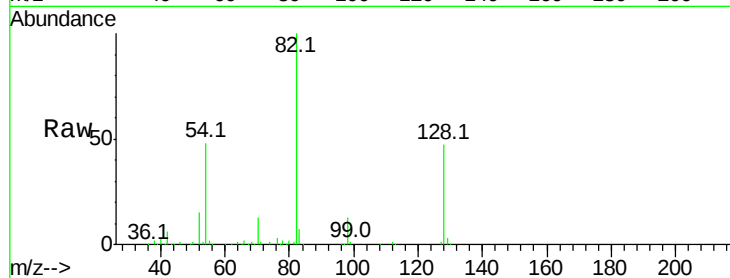
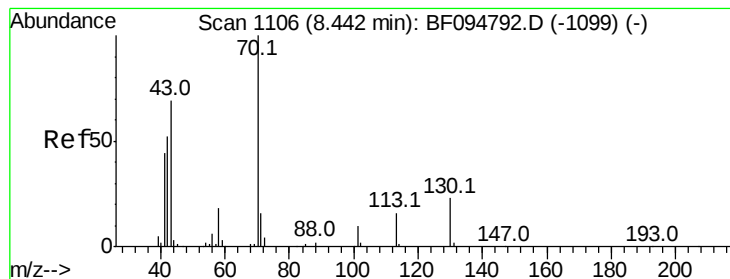


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.20 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.16 min

Lab File: BF095089.D

Acq: 11 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57013

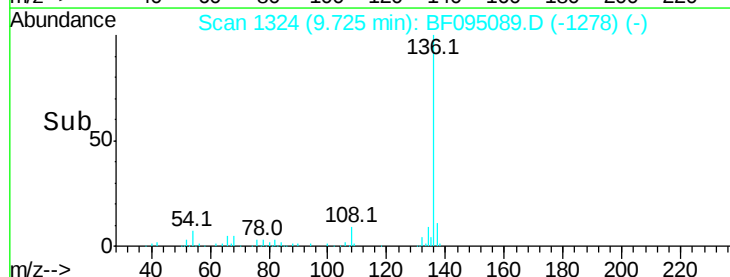
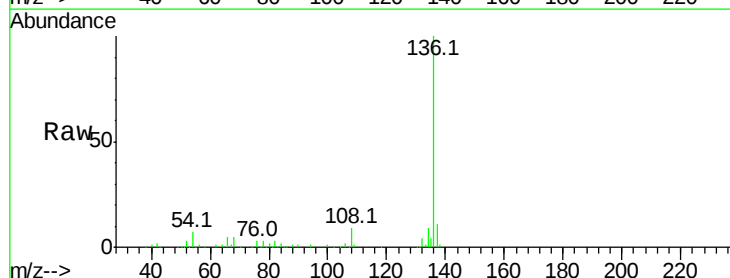
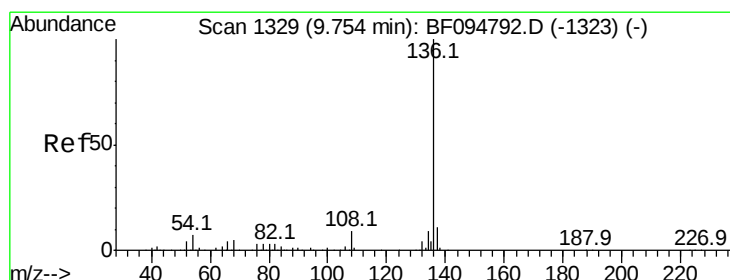
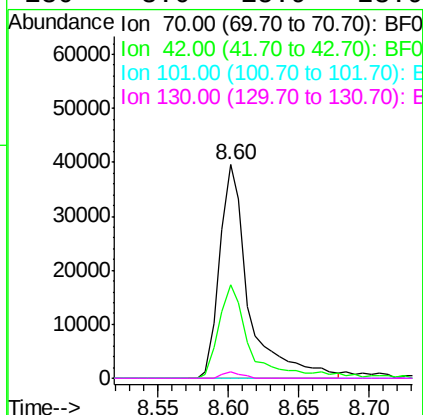
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 3.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095089.D

Acq: 11 May 2017 20:09

Tgt Ion:136 Resp: 387250

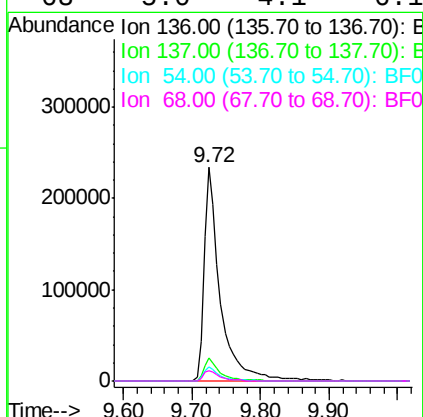
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.0 4.1 6.1

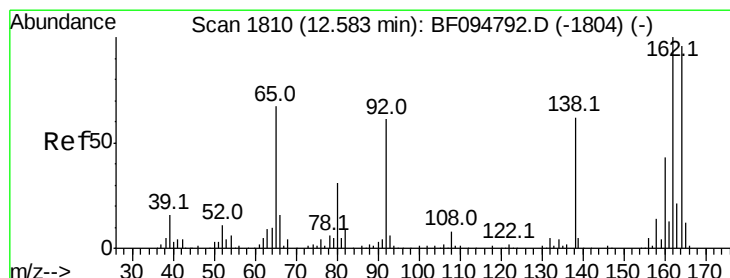
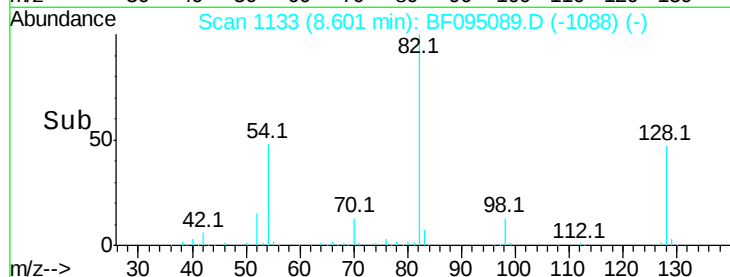
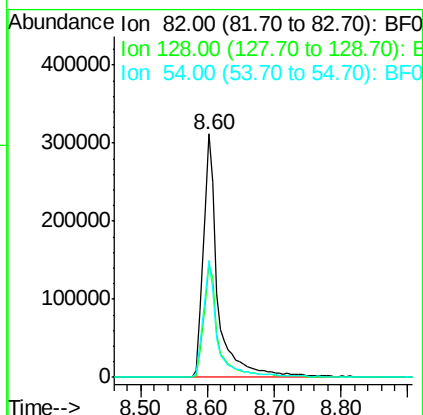
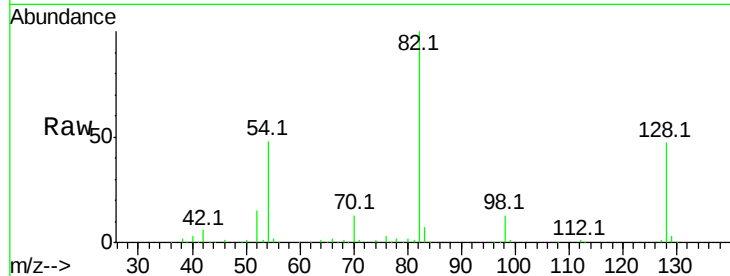




#23
 Nitrobenzene-d5
 Concen: 76.13 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.04 min
 Lab File: BF095089.D
 Acq: 11 May 2017 20:09

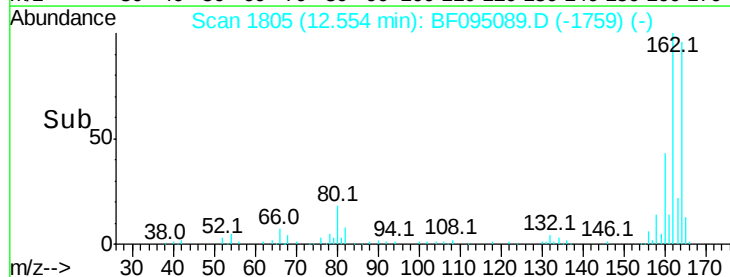
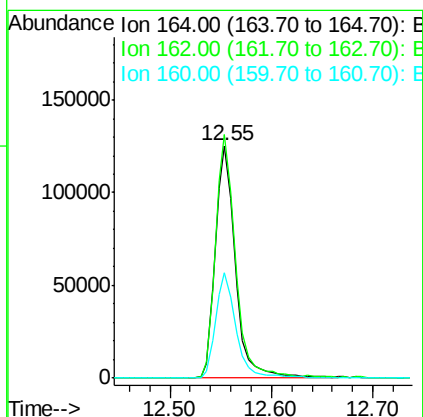
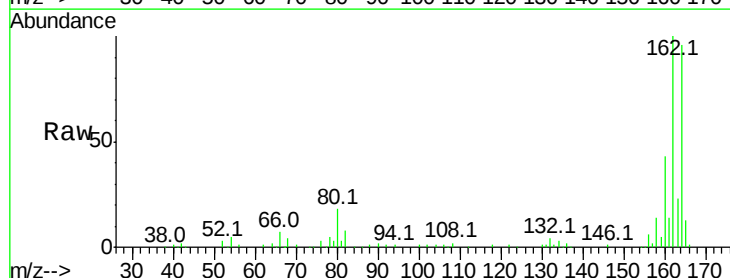
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 467500
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1805
 Delta R.T. -0.03 min
 Lab File: BF095089.D
 Acq: 11 May 2017 20:09

Tgt Ion:164 Resp: 173361
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 45.4 36.2 54.2

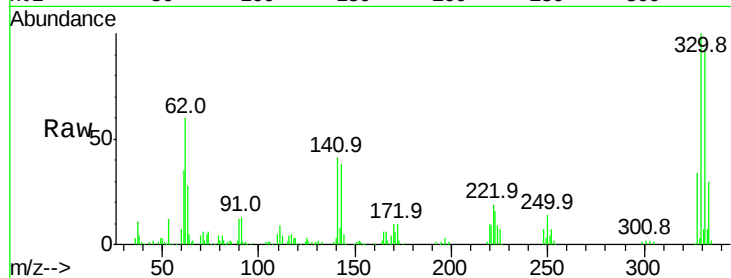




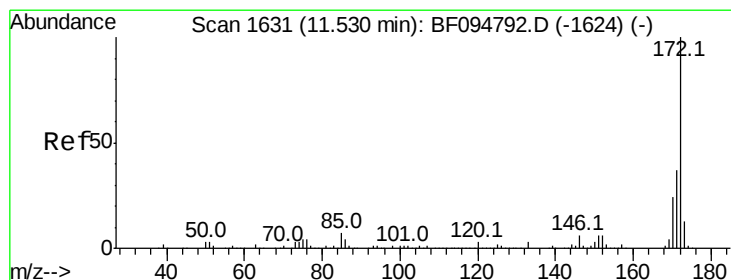
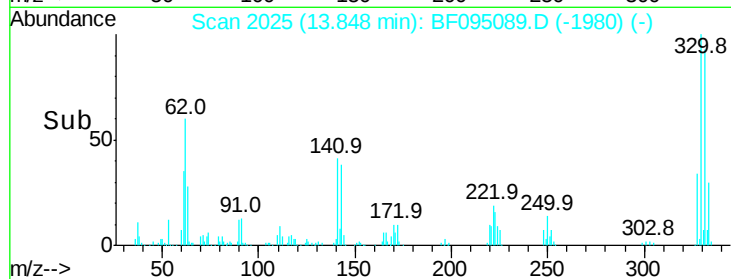
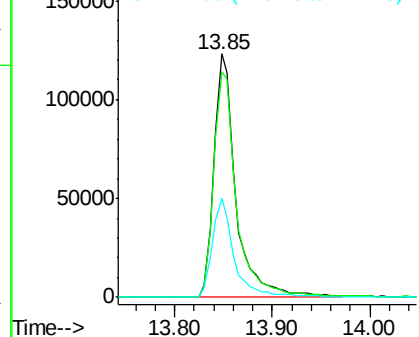
#41
 2,4,6-Tribromophenol
 Concen: 135.68 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF095089.D
 Acq: 11 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	40.7	31.4	47.2

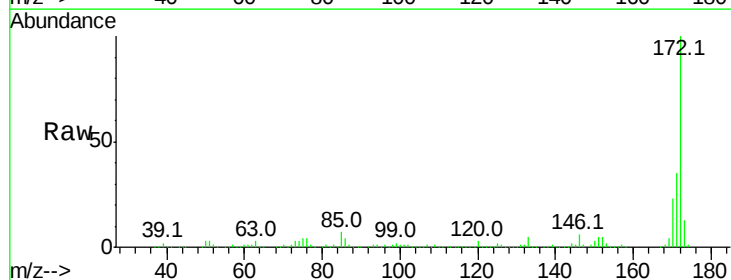


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

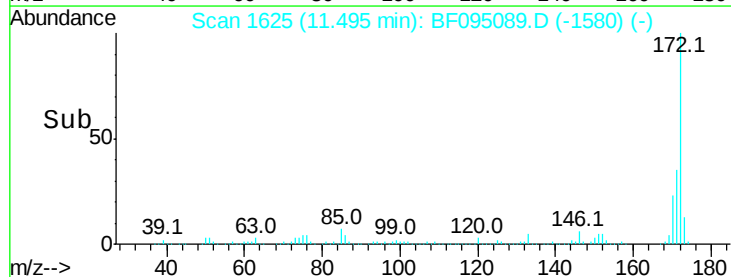
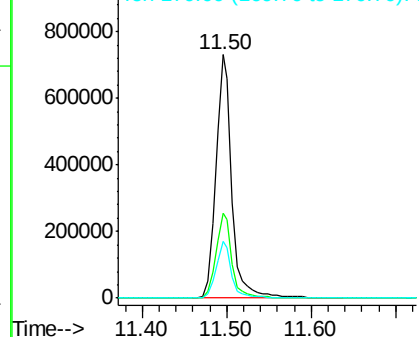


#44
 2-Fluorobiphenyl
 Concen: 80.98 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095089.D
 Acq: 11 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.4	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.21 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.04 min

Lab File: BF095089.D

Acq: 11 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

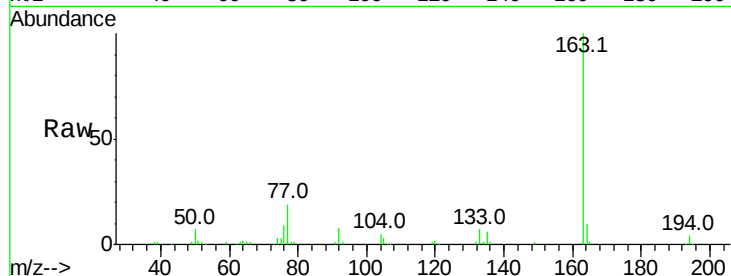
Tot Ion:163 Resp: 216406

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

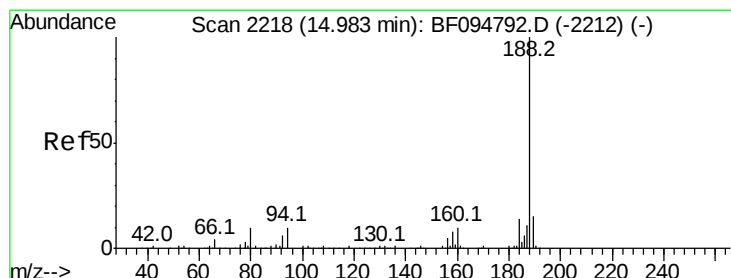
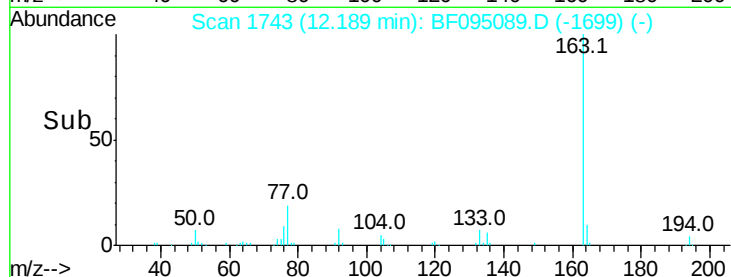
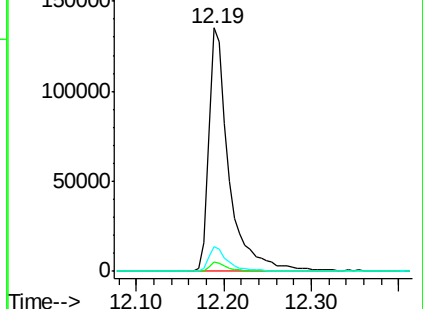
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.95 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BF095089.D

Acq: 11 May 2017 20:09

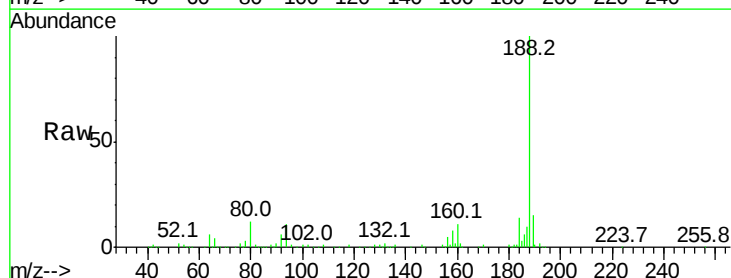
Tgt Ion:188 Resp: 347233

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

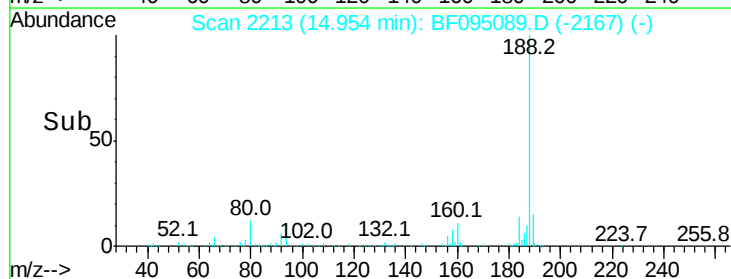
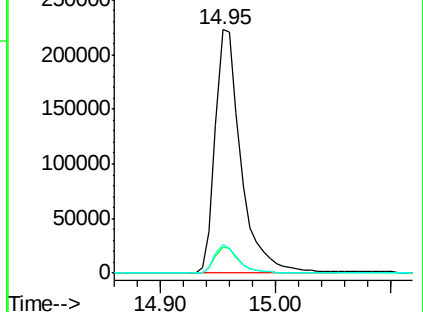
80 11.7 10.2 15.2

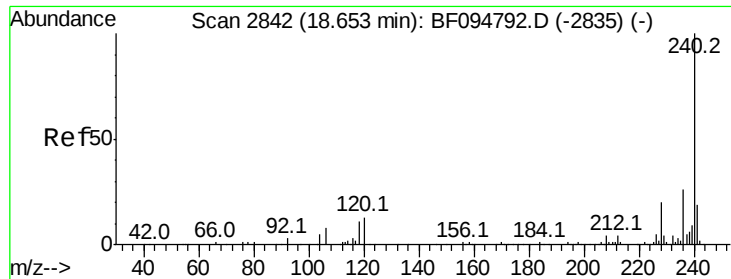


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

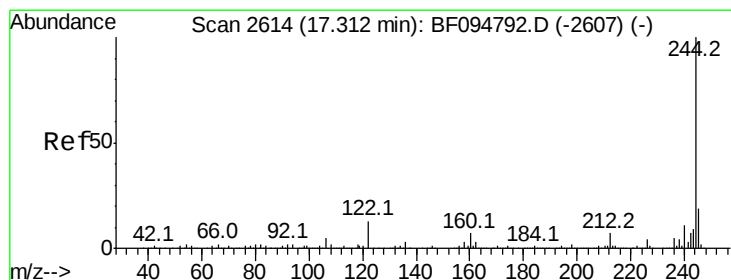
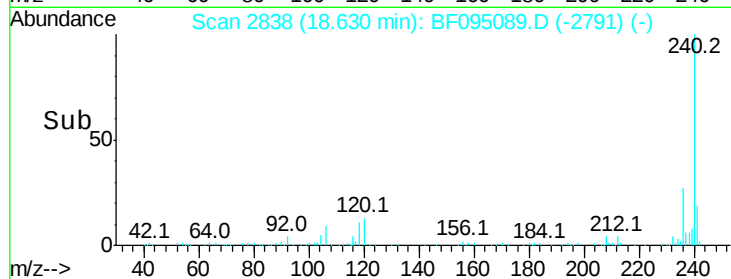
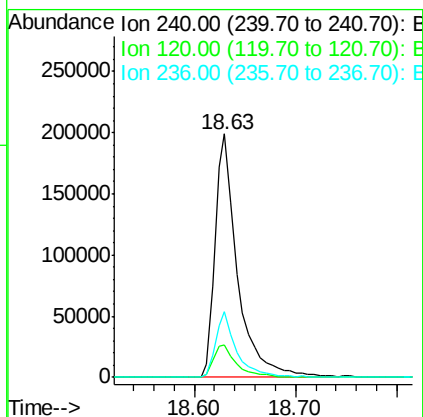
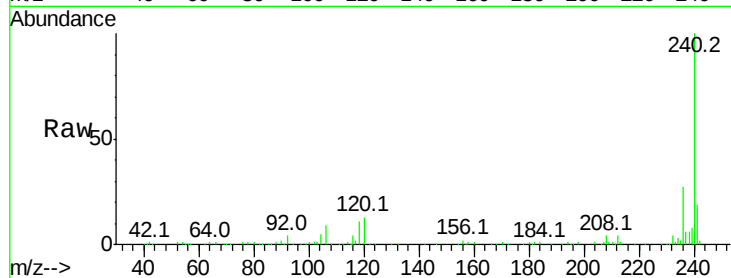




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095089.D
 Acq: 11 May 2017 20:09

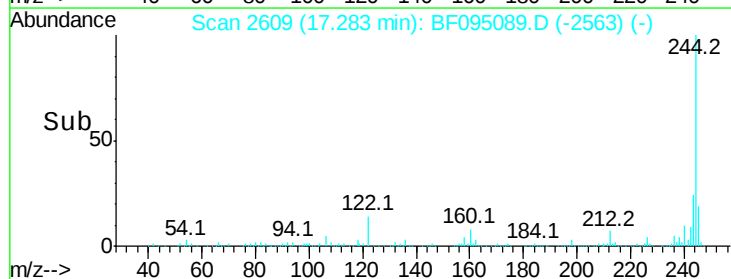
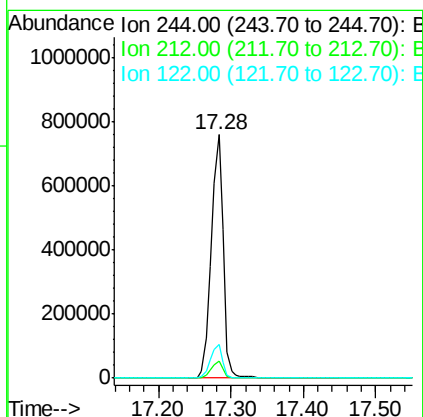
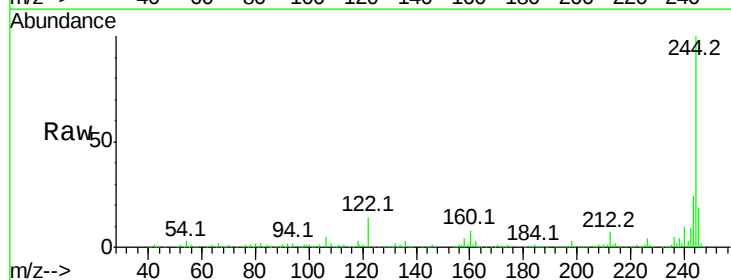
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 306767
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 26.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 62.87 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095089.D
 Acq: 11 May 2017 20:09

Tgt Ion:244 Resp: 875640
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5

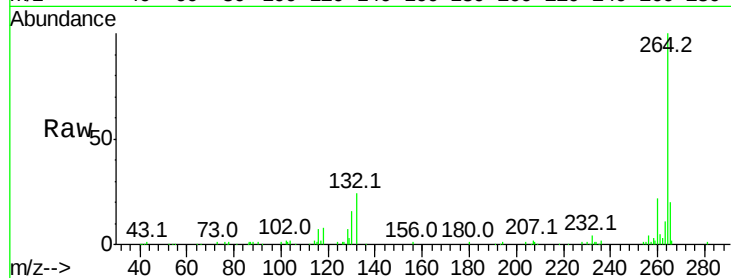




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095089.D
Acq: 11 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	21.9	19.5	29.3	
265	20.5	17.2	25.8	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

